

General

Title

Testicular cancer: proportion of patients with metastatic testicular cancer undergoing systemic anti-cancer therapy (SACT) within 3 weeks of a multidisciplinary team (MDT) decision to treat with SACT.

Source(s)

NHS Scotland, Scottish Cancer Taskforce. Testicular cancer clinical quality performance indicators. Edinburgh (Scotland): Healthcare Improvement Scotland; 2016 Jun. 29 p. [19 references]

Measure Domain

Primary Measure Domain

Clinical Quality Measures: Process

Secondary Measure Domain

Does not apply to this measure

Brief Abstract

Description

This measure is used to assess the proportion of patients with metastatic testicular cancer undergoing systemic anti-cancer therapy (SACT) within 3 weeks of a multidisciplinary team (MDT) decision to treat with SACT.

Note from the National Quality Measures Clearinghouse: This measure is part of the Cancer Quality Performance Indicators (QPIs) collection. For more information, including a complete list of QPI measure sets, please visit the [Healthcare Improvement Scotland Web site](#) .

Rationale

Evidence has demonstrated that delays in diagnosis and treatment can have a negative impact on the survival rates of patients (Huyghe et al., 2007; Bosl et al., 1981).

In certain types of testicular cancer this can have a bigger impact on prognosis and survival (Huyghe et al., 2007).

Evidence for Rationale

Bosl GJ, Vogelzang NJ, Goldman A, Fraley EE, Lange PH, Levitt SH, Kennedy BJ. Impact of delay in diagnosis on clinical stage of testicular cancer. *Lancet*. 1981 Oct 31;2(8253):970-3. [PubMed](#)

Huyghe E, Muller A, Mieusset R, Bujan L, Bachaud JM, Chevreau C, Plante P, Thonneau P. Impact of diagnostic delay in testis cancer: results of a large population-based study. *Eur Urol*. 2007 Dec;52(6):1710-6. [PubMed](#)

NHS Scotland, Scottish Cancer Taskforce. Testicular cancer clinical quality performance indicators. Edinburgh (Scotland): Healthcare Improvement Scotland; 2016 Jun. 29 p. [19 references]

Primary Health Components

Metastatic testicular cancer; systemic anti-cancer therapy (SACT); multidisciplinary team (MDT)

Denominator Description

All patients with metastatic testicular cancer undergoing systemic anti-cancer therapy (SACT) (see the related "Denominator Inclusions/Exclusions" field)

Numerator Description

Number of patients with metastatic testicular cancer undergoing systemic anti-cancer therapy (SACT) within 3 weeks of a multidisciplinary team (MDT) decision to treat with SACT (see the related "Numerator Inclusions/Exclusions" field)

Evidence Supporting the Measure

Type of Evidence Supporting the Criterion of Quality for the Measure

A clinical practice guideline or other peer-reviewed synthesis of the clinical research evidence

A formal consensus procedure, involving experts in relevant clinical, methodological, public health and organizational sciences

One or more research studies published in a National Library of Medicine (NLM) indexed, peer-reviewed journal

Additional Information Supporting Need for the Measure

Unspecified

Extent of Measure Testing

The collection of data is piloted on a small number of patient records using a paper data collection form produced by the Information Services Division (ISD). The aim is to identify any anomalies or difficulties with data collection prior to full implementation. At least one NHS board in each Regional Cancer Network participates in the pilot.

Evidence for Extent of Measure Testing

NHS Scotland. National cancer quality performance indicators: overview of development process. Edinburgh (Scotland): NHS Scotland; 2012 Dec. 7 p.

State of Use of the Measure

State of Use

Current routine use

Current Use

not defined yet

Application of the Measure in its Current Use

Measurement Setting

Ambulatory/Office-based Care

Ambulatory Procedure/Imaging Center

Hospital Inpatient

Hospital Outpatient

Professionals Involved in Delivery of Health Services

not defined yet

Least Aggregated Level of Services Delivery Addressed

Single Health Care Delivery or Public Health Organizations

Statement of Acceptable Minimum Sample Size

Unspecified

Target Population Age

Unspecified

Target Population Gender

Male (only)

National Strategy for Quality Improvement in Health Care

National Quality Strategy Aim

Better Care

National Quality Strategy Priority

Prevention and Treatment of Leading Causes of Mortality

Institute of Medicine (IOM) National Health Care Quality Report Categories

IOM Care Need

Getting Better

Living with Illness

IOM Domain

Effectiveness

Timeliness

Data Collection for the Measure

Case Finding Period

Unspecified

Denominator Sampling Frame

Patients associated with provider

Denominator (Index) Event or Characteristic

Clinical Condition

Therapeutic Intervention

Denominator Time Window

not defined yet

Denominator Inclusions/Exclusions

Inclusions

All patients with metastatic testicular cancer undergoing systemic anti-cancer therapy (SACT)

Exclusions

Patients whose primary chemotherapy management is as part of a chemotherapy clinical trial

Note: Patients taking part in trials that are not related to chemotherapy cycles are still to be included.

Exclusions/Exceptions

not defined yet

Numerator Inclusions/Exclusions

Inclusions

Number of patients with metastatic testicular cancer undergoing systemic anti-cancer therapy (SACT) within 3 weeks of a multidisciplinary team (MDT) decision to treat with SACT*

*Patients may also begin treatment up to 3 weeks prior to MDT in order to ensure there are no delays to treatment.

Exclusions

Patients whose primary chemotherapy management is as part of a chemotherapy clinical trial

Note: Patients taking part in trials that are not related to chemotherapy cycles are still to be included.

Numerator Search Strategy

Fixed time period or point in time

Data Source

Electronic health/medical record

Paper medical record

Type of Health State

Does not apply to this measure

Instruments Used and/or Associated with the Measure

Unspecified

Computation of the Measure

Measure Specifies Disaggregation

Does not apply to this measure

Scoring

Rate/Proportion

Interpretation of Score

Desired value is a higher score

Allowance for Patient or Population Factors

not defined yet

Standard of Comparison

not defined yet

Prescriptive Standard

Target: 95%

The tolerance within this target accounts for the fact that due to co-morbidities, fitness and age not all patients will require or be suitable for systemic therapy.

Evidence for Prescriptive Standard

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Identifying Information

Original Title

QPI 8 – systemic therapy.

Measure Collection Name

Cancer Quality Performance Indicators (QPIs)

Measure Set Name

Testicular Cancer

Submitter

NHS Scotland - National Government Agency [Non-U.S.]

Scottish Cancer Taskforce - National Government Agency [Non-U.S.]

Developer

NHS Scotland - National Government Agency [Non-U.S.]

Scottish Cancer Taskforce - National Government Agency [Non-U.S.]

Funding Source(s)

Scottish Government

Composition of the Group that Developed the Measure

Testicular Cancer QPI Development Group

Financial Disclosures/Other Potential Conflicts of Interest

Unspecified

Adaptation

This measure was not adapted from another source.

Date of Most Current Version in NQMC

2016 Jun

Measure Maintenance

The Cancer Quality Performance Indicators (QPIs) will be kept under regular review and be responsive to changes in clinical practice and emerging evidence.

Date of Next Anticipated Revision

2018 Mar

Measure Status

This is the current release of the measure.

Measure Availability

Source document available from the [Healthcare Improvement Scotland Web site](#) .

For more information, contact the Healthcare Improvement Scotland at Gyle Square, 1 South Gyle Crescent, Edinburgh, Scotland EH12 9EB; Phone: 0131 623 4300; E-mail: comments.his@nhs.net; Web site: www.healthcareimprovementscotland.org/ .

Companion Documents

The following is available:

- NHS Scotland. National cancer quality performance indicators: overview of development process. Edinburgh (Scotland): NHS Scotland; 2012 Dec. 7 p. This document is available from the [Healthcare Improvement Scotland Web site](#) .

NQMC Status

This NQMC summary was completed by ECRI Institute on May 16, 2017.

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Production

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